

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6371857".pn. or "5168773".pn.	USPAT	OR	ON	2009/04/01 12:57
S2	115	rohs-ulrich.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:03
S3	48	S2 and damp\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:03
S4	62	rohs-voigt.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:13
S5	50	S4 not S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:13
S6	2	S5 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:14
S7	105	(dual adj mass) and damp \$3 and spring and guid\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:16
S8	104	S7 not (S3 S5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 13:17

S9	326	464/68.41.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:30
S10	318	S9 not (S3 S5 S8)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:32
S11	293	S10 and (friction\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:43
S12	77	S11 and (hold-down or rub \$3 or drag\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:46
S13	88	S11 and (hold-down or rub \$4 or drag\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:46
S14	5	("4212380"   "5238096"   "5890576"   "5988343"   "6056103").PN. OR ("7134963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:48
S15	205	74/574.3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 13:59
S16	1	S15 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:00
S17	0	S16 not (S3 S5 S8 S10 S13)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:00
S18	365	74/574.4.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:01
S19	10	S18 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:01
S20	5	S19 not (S3 S5 S8 S10 S13 S17)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:01
S21	554	192/70.17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:02
S22	25	S21 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:03
S23	12	S22 not (S3 S5 S8 S10 S13 S17 S20)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:03
S24	164	192/55.61.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:05
S25	16	S24 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:05
S26	7	S25 not (S3 S5 S8 S10 S13 S17 S20 S23)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:06
S27	412	192/212.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:07
S28	16	S27 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:07
S29	4	S28 not (S3 S5 S8 S10 S13 S17 S20 S23 S26)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:07
S30	172	192/214.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:08

S31	5	S30 and (dual adj mass) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:08
S32	2	S31 not (S3 S5 S8 S10 S13 S17 S20 S23 S26 S29)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:08
S33	1836	S9 or S15 or S18 or S21 or S24 or S27 or S30	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:10
S34	194	S33 and ((two or divided or twin) adj (mass or flywheel)) and damp\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:11
S35	115	S34 not (S3 S5 S8 S10 S13 S17 S20 S23 S26 S29 S32)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:11
S36	36	S35 and (hold-down or rub \$4 or drag\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/01 14:12
S37	17	(US-20080119293-\$ or US-20050014564-\$ or US-20010046898-\$).did. or (US-6371857-\$ or US-5168773-\$ or US-7077752-\$ or US-6416416-\$ or US-6364775-\$ or US-6286390-\$ or US-6171193-\$ or US-6110046-\$ or US-5863253-\$ or US-7134963-\$ or US-6224487-\$ or US-5673598-\$ or US-5092820-\$ or US-5072818-\$).did.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:19
S38	0	S37 and (fly adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/01 14:19
S39	18	(US-20080119293-\$ or US-20050014564-\$ or US-20010046898-\$ or US-20070193404-\$).did. or (US-6371857-\$ or US-5168773-\$ or US-7077752-\$ or US-6416416-\$ or US-6364775-\$ or US-6286390-\$ or US-6171193-\$ or US-6110046-\$ or US-5863253-\$ or US-7134963-\$ or US-6224487-\$ or US-5673598-\$ or US-5092820-\$ or US-5072818-\$).did.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:20
S40	1	S39 and (fly adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/01 14:20

S41	118	rohs-ulrich.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/08 13:50
S42	1	(US-20070193404-\$).did.	US-PGPUB	OR	ON	2009/07/08 13:51
S43	1	S42 and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/08 13:51
S44	6	rohs-ulrich.in. and @pd> "20090401"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 08:27
S45	9	rohs-voigt.as. and @pd> "20090401"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 08:30
S46	8	S45 not S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 08:31
S47	14	S44 or S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:12
S48	121	rohs-ulrich.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:14
S49	0	S47 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:16

S50	1	S48 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:16
S51	22	(US-20080119293-\$ or US-20050014564-\$ or US-20010046898-\$ or US-20070193404-\$).did. or (US-6371857-\$ or US-5168773-\$ or US-7077752-\$ or US-6416416-\$ or US-6364775-\$ or US-6286390-\$ or US-6171193-\$ or US-6110046-\$ or US-5863253-\$ or US-7134963-\$ or US-6224487-\$ or US-5673598-\$ or US-5092820-\$ or US-5072818-\$ or US-7559141-\$).did. or (EP-971154-\$ or EP-926389-\$ or EP-926388-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/09/15 09:18
S52	1	S51 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:19
S53	1	464/68.41.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:20
S54	0	S53 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:20
S55	1	74/574.3.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:21
S56	0	S55 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:21
S57	1	74/574.4.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:21
S58	0	S57 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:22

S59	8	192/70.17.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:22
S60	7	S59 not (S44 S46 S50 S52 S53 S55 S57)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:23
S61	0	S59 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:23
S62	1	192/55.61.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:23
S63	0	S62 not (S44 S46 S50 S52 S53 S55 S57 S60)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:24
S64	0	S62 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:24
S65	1	192/212.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:24
S66	0	S65 not (S44 S46 S50 S52 S53 S55 S57 S60 S63)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:24
S67	0	S65 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:25
S68	2	192/214.1.ccls. and @pd> "20090401"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:25
S69	1	S68 not (S44 S46 S50 S52 S53 S55 S57 S60 S63 S66)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:25
S70	0	S68 and 20%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 09:26
S71	3	464/68.41.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:26
S72	3	74/574.3.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:27
S73	3	S72 not S71	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:28
S74	10	74/574.4.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:28

S75	10	S74 not (S71 S73)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:29
S76	4	192/70.17.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:31
S77	4	S76 not (S71 S73 S75)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:31
S78	3	192/55.61.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:33
S79	0	S78 not (S71 S73 S75 S77)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:33
S80	3	192/212.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:33
S81	3	S80 not (S71 S73 S75 S77 S79)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:33
S82	0	192/214.1.ccls. and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:34
S83	9800	464/51-101.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:35
S84	50	S83 and 20%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:36
S85	42	S84 not (S71 S73 S75 S77 S79 S81)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:36
S86	4	S85 and dual	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:36
S87	327	464/68.41.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S88	206	74/574.3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S89	366	74/574.4.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S90	562	192/70.17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S91	165	192/55.61.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S92	413	192/212.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S93	174	192/214.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S94	1847	S87 or S88 or S89 or S90 or S91 or S92 or S93	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S95	10	S94 and 10%	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 09:40
S96	3	S94 and (rectilinear adj spring)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 10:05
S97	2	S94 and (frictional adj damper)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 10:32

S98	0	(dual adj (mass or flywheel)) and damp\$3 and spring and guid\$3 and ((frictional adj damp\$3) with outward\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 10:33
S99	19	(dual adj (mass or flywheel)) and damp\$3 and spring and guid\$3 and (damp\$3 with outward\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 10:34
S100	226	192/213.2-213.22.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 10:39
S101	6	S100 and (dual adj (mass or flywheel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 10:39
S102	11	("5105681"   "5156249"   "5307710"   "5382193"   "5601002"   "5624317"   "5878856").PN. OR ("6047804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 10:44
S103	1	("6244962").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 11:25
S104	15	("2356940"   "2643109"   "4518071"   "4679678"   "4789375"   "4891033"   "5004088"   "5052664"   "5289737"   "5769722").PN. OR ("6244962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:26
S105	1	("6216838").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 11:27
S106	3	("4240532"   "5651442"   "5762558").PN. OR ("6216838").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:27
S107	1127	192/212-214.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:29
S108	381	S107 and wear	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:30
S109	106	S107 and (wear with contact)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:30
S110	20	S107 and ((wear near3 spring) with contact)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:45



S111	2	S107 and (wear with (contact near3 edge))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:12
S112	23	("2002115"   "4347717"   "4530673"   "4690257"   "4722715"   "4838395"). PN. OR ("5092820"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:25

**EAST Search History (Interference)**

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**9/ 15/ 09 12:52:51 PM****C:\ Documents and Settings\ RBonck\ My Documents\ EAST\ workspaces\ 584389.wsp**